

METHOD OF PRODUCTION OF DIELECTRIC CERAMIC COMPOSITION AND  
METHOD OF PRODUCTION OF ELECTRONIC DEVICE CONTAINING  
DIELECTRIC LAYERS

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ABSTRACT OF THE DISCLOSURE

A method of production of a dielectric ceramic composition having at least a main component of  $\text{Ba}_2\text{TiO}_3$ , a  
10 second subcomponent including at least one compound selected from  $\text{SiO}_2$ ,  $\text{MO}$  (where  $M$  is at least one element selected from  $\text{Ba}$ ,  $\text{Ca}$ ,  $\text{Sr}$ , and  $\text{Mg}$ ),  $\text{Li}_2\text{O}$ , and  $\text{B}_2\text{O}_3$ , and other subcomponents, comprising the step of: mixing in said main component at  
15 least part of other subcomponents except for said second subcomponent to prepare a pre-calcination powder, calcining the pre-calcination powder to prepare a calcined powder, and mixing at least said second subcomponent in said calcined powder to obtain the dielectric ceramic composition having molar ratios of the subcomponents to the main component of  
20 predetermined ratios. As the other subcomponents, there is a third subcomponent including at least one compound selected from  $\text{V}_2\text{O}_5$ ,  $\text{MoO}_3$ , and  $\text{WO}_3$ . A ratio of the third subcomponent to 100 moles of the main component is preferably 0.01 to 0.1 mole.